Commission Implementing Decision (EU) 2019/1616 of 27 September 2019 on the harmonised standards for pressure equipment drafted in support of Directive 2014/68/EU of the European Parliament and of the Council

COMMISSION IMPLEMENTING DECISION (EU) 2019/1616

of 27 September 2019

on the harmonised standards for pressure equipment drafted in support of Directive 2014/68/EU of the European Parliament and of the Council

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) No 1025/2012 of the European Parliament and of the Council of 25 October 2012 on European standardisation, amending Council Directives 89/686/EEC and 93/15/EEC and Directives 94/9/EC, 94/25/EC, 95/16/EC, 97/23/EC, 98/34/EC, 2004/22/EC, 2007/23/EC, 2009/23/EC and 2009/105/EC of the European Parliament and of the Council and repealing Council Decision 87/95/EEC and Decision No 1673/2006/EC of the European Parliament and of the Council[(1)], and in particular Article 10(6) thereof,

Whereas:

(1) In accordance with Article 12 of Directive 2014/68/EU of the European Parliament and of the Council[(2)], pressure equipment or assemblies referred to in Article 4(1) and (2) of that Directive which are in conformity with harmonised standards or parts thereof, the references of which have been published in the *Official Journal of the European Union*, are to be presumed to be in conformity with the essential safety requirements covered by those standards or parts thereof referred to in Annex I to that Directive.

(2) By letter M/071 of 1 August 1994 the Commission made a request to the European Committee for Standardization (CEN) for drawing up, in relation to the pressure equipment, the product related standards and the standards of a horizontal nature in support of Directive 97/23/EC of the European Parliament and of the Council[(3)]. That Directive was replaced by Directive 2014/68/EU without changing the essential safety requirements referred to in Annex I to Directive 97/23/EC.

(3) On the basis of the request M/071 CEN drafted new harmonised standards EN ISO 4126-2:2019 for safety devices for protection against excessive pressure, EN ISO 15494:2018 for plastics piping systems for industrial applications and EN ISO 21028-2:2018 for cryogenic vessels. Standard EN ISO 21028-2:2018 is a new standard replacing EN 1252-2:2001. In order to reflect the state of the art, CEN amended and revised some of the existing standards. Specifically, CEN amended standards EN 13445-2:2014, EN 13445-3:2014, EN 13445-5:2014 and EN 13445-6:2014 for unfired pressure vessels, and standards EN 13480-2:2017 and EN 13480-5:2017 for metallic industrial piping. CEN also revised standards EN 1562:2012 and EN 1563:2011 for

cast iron, standards EN 12516-1:2014 and EN 12516-4:2014 for industrial valves and standard EN 13136:2013 for refrigerating systems and heat pumps.

(4) The Commission together with the CEN has assessed whether the standards on the pressure equipment as drafted, amended or revised by CEN comply with the request M/071.

(5) The standards on the pressure equipment as drafted, amended or revised by CEN satisfy the requirements which they aim to cover and which are referred to in Annex I to Directive 2014/68/EU. It is therefore appropriate to publish the references of those standards in the *Official Journal of the European Union.*

(6) References of amended or revised versions of standards are to be published for the standards EN 13445-2:2014, EN 13445-3:2014, EN 13445-5:2014, EN 13445-6:2014, EN 13480-2:2017, EN 13480-5:2017, EN 1562:2012, EN 1563:2011, EN 12516-1:2014, EN 12516-4:2014 and EN 13136:2013. Standard EN 1252-2:2001 is to be replaced by a new standard. It is therefore necessary to withdraw from the *Official Journal of the European Union*[(4)] references of the standards EN 13445-2:2014, EN 13445-2:2014/A1:2016, EN 13445-2:2014/A2:2018, EN 13445-3:2014, EN 13445-3:2014/A1:2015, EN 13445-3:2014/A2:2016, EN 13445-3:2014/A3:2017, EN 13445-3:2014/A4:2018, EN 13445-5:2014, EN 13445-6:2014, EN 13480-2:2017, EN 13480-5:2017, EN 1252-2:2001, EN 1562:2012, EN 1563:2011, EN 12516-1:2014, EN 12516-4:2014 and EN 13136:2013. In order to provide the manufacturers with sufficient time to adapt their products to the new standards for cryogenic vessels and the revised standards for cast iron, industrial valves and refrigeration systems and heat pumps, it is necessary to defer the withdrawal of the references of those standards.

(7) Compliance with a harmonised standard confers a presumption of conformity with the corresponding essential requirements set out in Union harmonisation legislation from the date of publication of the reference of such standard in the *Official Journal of the European Union*. This Decision should therefore enter into force on the day of its publication,

HAS ADOPTED THIS DECISION:

Article 1

The references of harmonised standards for pressure equipment drafted in support of Directive 2014/68/EU, listed in Annex I to this Decision, are hereby published in the *Official Journal of the European Union*.

Article 2

The references of harmonised standards for pressure equipment drafted in support of Directive 2014/68/EU, listed in Annex II to this Decision, are hereby withdrawn from the *Official Journal of the European Union* as from the dates set out in that Annex.

Article 3

This Decision shall enter into force on the day of its publication in the *Official Journal of the European Union*.

***Changes to legislation:** There are currently no known outstanding effects for the Commission Implementing Decision (EU) 2019/1616. (See end of Document for details)*

Changes to legislation: *There are currently no known outstanding effects for the Commission Implementing Decision (EU) 2019/1616. (See end of Document for details)*

ANNEX I

No	Reference of the standard
1.	EN 1562:2019 Founding — Malleable cast irons
2.	EN 1563:2018 Founding — Spheroidal graphite cast irons
3.	EN ISO 4126-2:2019 Safety devices for protection against excessive pressure — Part 2: Bursting disc safety devices (ISO 4126-2:2018)
4.	EN 12516-1:2014+A1:2018 Industrial valves — Shell design strength — Part 1: Tabulation method for steel valve shells
5.	EN 12516-4:2014+A1:2018 Industrial valves — Shell design strength — Part 4: Calculation method for valve shells manufactured in metallic materials other than steel
6.	EN 13136:2013+A1:2018 Refrigerating systems and heat pumps — Pressure relief devices and their associated piping — Methods for calculation
7.	EN 13445-2:2014 Unfired pressure vessels — Part 2: Materials EN 13445-2:2014/A1:2016 EN 13445-2:2014/A2:2018 EN 13445-2:2014/A3:2018
[F1 8.	EN 13445-3:2014 Unfired pressure vessels – Part 3: Design EN 13445-3:2014/A1:2015 EN 13445-3:2014/A2:2016 EN 13445-3:2014/A3:2017 EN 13445-3:2014/A4:2018 EN 13445-3:2014/A5:2018 EN 13445-3:2014/A6:2019 EN 13445-3:2014/A7:2019 EN 13445-3:2014/A8:2019]
9.	EN 13445-5:2014 Unfired pressure vessels — Part 5: Inspection and testing EN 13445-5:2014/A1:2018
10.	EN 13445-6:2014 Unfired pressure vessels — Part 6: Requirements for the design and fabrication of pressure vessels and pressure parts

	constructed from spheroidal graphite cast iron EN 13445-6:2014/A2:2018
11.	EN 13480-2:2017 Metallic industrial piping — Part 2: Materials EN 13480-2:2017/A1:2018 EN 13480-2:2017/A2:2018 EN 13480-2:2017/A3:2018
12.	EN 13480-5:2017 Metallic industrial piping — Part 5: Inspection and testing EN 13480-5:2017/A1:2019
13.	EN ISO 15494:2018 Plastics piping systems for industrial applications — Polybutene (PB), polyethylene (PE), polyethylene of raised temperature resistance (PE-RT), crosslinked polyethylene (PE-X), polypropylene (PP) — Metric series for specifications for components and the system (ISO 15494:2015)
14.	EN ISO 21028-2:2018 Cryogenic vessels — Toughness requirements for materials at cryogenic temperature — Part 2: Temperatures between – 80 degrees C and – 20 degrees C (ISO 21028-2:2018)
[F2 15.	EN ISO 4126-1:2013 Safety devices for protection against excessive pressure – Part 1: Safety valves (ISO 4126-1:2013) EN ISO 4126-1:2013/A2:2019
16.	EN 10217-1:2019 Welded steel tubes for pressure purposes – Technical delivery conditions – Part 1: Electric welded and submerged arc welded non-alloy steel tubes with specified room temperature properties
17.	EN 10217-2:2019 Welded steel tubes for pressure purposes – Technical delivery conditions – Part 2: Electric welded non-alloy and alloy steel tubes with specified elevated temperature properties
18.	EN 10217-3:2019 Welded steel tubes for pressure purposes – Technical delivery conditions – Part